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NOTICE OF ALLOWANCE AND FEE(S) DUE

42754

7590

01/28/2009

Nields, Lemack & Frame, LLC 176 E. Main Street Suite #5 Westborough, MA 01581

EXAMINER					
WU, SHEAN CHIU					
ART UNIT	PAPER NUMBER				

1795 DATE MAILED: 01/28/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/552,183	10/06/2005	Masahiro Imaizumi	576P081	6229

TITLE OF INVENTION: LIQUID CRYSTAL SEALING AGENT AND LIQUID CRYSTALLINE DISPLAY CELL USING THE SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	04/28/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where m

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CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, mushave its own certificate of mailing or transmission.			
42754	7590 01/28	3/2009	114			e of Mailing or Trans	mission
Nields, Lemack & Frame, LLC 176 E. Main Street Suite #5			I l St ad tra	nereby certify that ates Postal Service	this Fee(with su	s) Transmittal is being	g deposited with the United st class mail in an envelope above, or being facsimile ate indicated below.
Westborough, M	IA 01581						(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTO	oR	ATTC	RNEY DOCKET NO.	CONFIRMATION NO.
10/552,183	10/06/2005	•	Masahiro Imaizumi			576P081	6229
			LIQUID CRYSTALLINE	,			D. GTD DVD
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nonprovisional	NO	\$1510 L . D.T. D.T.T.	\$300	\$0 ¬		\$1810	04/28/2009
EXAM		ART UNIT	CLASS-SUBCLASS				
WU, SHE		1795	428-001530				
 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 			2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				
PLEASE NOTE: Un recordation as set fort (A) NAME OF ASSI	less an assignee is ident h in 37 CFR 3.11. Comj GNEE	ified below, no assignee pletion of this form is NO	T a substitute for filing a (B) RESIDENCE: (CIT	patent. If an assign assignment. 'Y and STATE OR	COUN	TRY)	ocument has been filed for
Please check the appropr	iate assignee category or	r categories (will not be p	rinted on the patent):	Individual 🔲	Corporat	ion or other private gro	oup entity 🗖 Government
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5. Change in Entity Sta	,			1	ALL END	THEN A C 27 O	ED 1.07()(0)
NOTE: The Issue Fee an	d Publication Fee (if req		b. Applicant is no lot ded from anyone other than				rk 1.27(g)(2). ne assignee or other party in
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Authorized Signature			Date				
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Nields, Lemack & Frame, LLC			WU, SHE	AN CHIU
176 E. Main Stree	t		ART UNIT	PAPER NUMBER
Suite #5 Westborough, MA	01581		1795 DATE MAILED: 01/28/200	9

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 600 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 600 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
	10/552,183	IMAIZUMI ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Shean C. Wu	1795	
	Shean C. Wu	1795	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.31	6 (OR REMAINS) CLOSED) or other appropriate comr RIGHTS. This application is	in this application. If not included nunication will be mailed in due cours	se. THIS he initiative
1. This communication is responsive to <u>10/30/08</u> .			
2. The allowed claim(s) is/are 1,3-7 and 10-25.			
 3. Acknowledgment is made of a claim for foreign priority u a) All b) Some* c) None of the: 1. Certified copies of the priority documents hav) or (f).	
2. Certified copies of the priority documents hav	e been received in Applica	ion No	
3. 🛛 Copies of the certified copies of the priority do	ocuments have been receiv	ed in this national stage application f	rom the
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDON! THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		le a reply complying with the requirer	ments
4. A SUBSTITUTE OATH OR DECLARATION must be submiNFORMAL PATENT APPLICATION (PTO-152) which give			E OF
5. CORRECTED DRAWINGS (as "replacement sheets") mu	st be submitted.		
(a) ☐ including changes required by the Notice of Draftsper	son's Patent Drawing Revi	ew (PTO-948) attached	
1) ☐ hereto or 2) ☐ to Paper No./Mail Date	_•		
(b) ☐ including changes required by the attached Examiner Paper No./Mail Date	's Amendment / Comment	or in the Office action of	
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			() of
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT			:he
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5 ☐ Notice of	Informal Patent Application	
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)	<u> </u>	Summary (PTO-413),	
	Paper No	o./Mail Date	
 Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date <u>10/30/08</u> 	7. ⊠ Examiner	s Amendment/Comment	
Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. 🛛 Examiner	s Statement of Reasons for Allowand	ce
	9. 🔲 Other		
/Shean C Wu/			
Primary Examiner, Art Unit 1795			

Application/Control Number: 10/552,183 Page 2

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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In claim 16, lines 4-5, delete "wherein n is not 0" to clarify the claim language because the notation "n" value is defined in claim 1 as 1 to 1.5.

In claim 18, line 2, delete "any one of claims 1 or 13" and insert -- claim 13 -- to clarify the claim language because the components (d) and (e) in claim 21 does not have an antecedent basis in claim 1.

Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance:

The present invention differs from the prior art in that the prior art fails to discloses the sealant comprising an epoxy resin of the present formula (1), which contains O-glycidyl groups connected to an ethylene oxide having average repeating value 1 to 1.5.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shean C. Wu whose telephone number is 571-272-1393. The examiner can normally be reached on 10:30 AM to 7:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kelly Cynthia can be reached on 571-272-1526. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Shean C Wu/ Primary Examiner, Art Unit 1795

scw